



You are invited to a half-day workshop on
Design and Modeling of Underground Ventilation System

Organized by

Minerals, Metals and Materials Technology Centre (M3TC),

Chair: Dr. Erik Birgersson, Department of Chemical & Bio-Molecular Engineering, NUS, Singapore
 Co-Chair: Dr. Poh Hee Joo, Institute of High Performance Computing, A-Star, Singapore

Date: Saturday, November X, 2011

Time: 8:30 AM-1:00 PM

Venue: Faculty of Engineering, National University of Singapore (Room XX-XX-XX)

Program[#]

08:20-8:45	Registration		
08:30-09:00	Introduction-Overview of underground ventilation system	Prof Arun S Mujumdar	Department of Mechanical Engineering and M3TC, NUS
09:00-09:45	Mathematical multi-scale framework for total air-conditioning in underground mines	Dr. Erik Birgersson	Department of Chemical & Bio-molecular Engineering and M3TC, NUS
09:45-10:30	Modeling of ventilation system in underground tunnel	Dr. Poh Hee Joo	Institute of High Performance Computing, A-Star
10:30-10:45	Coffee Break		
10:45-11:30	Design and modeling of an improved ventilation system in underground mines	Dr. Agus P. Sasmito	Department of Chemical & Bio-molecular Engineering and M3TC, NUS
11:30-12:00	Development of reduced model of ventilation system in underground mines	Dr. Ly Cam Hung	Department of Chemical & Bio-molecular Engineering and M3TC, NUS
12:30-13:00	Open Discussion		

Contact: Dr. Agus P. Sasmito, Tel.: (65) 6516 8870, E-mail: ap.sasmito@nus.edu.sg

For details and updates, please visit <http://serve.me.nus.edu.sg/arun/>

Admission is free

Papers and/or PowerPoint handouts will be made available as an e-book to participants